



PTO/SB/08a/b (08-03)  
Approved for use through 07/31/2008. OMB 0851-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.


<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	09/942,408-Conf. #8573		
		Filing Date	August 29, 2001		
		First Named Inventor	Hiroshi Furukawa		
		Art Unit	266T 266Z		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	Y2238.0029/P029

RECEIVED







MAY 27 2004

Technology Center 2600

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-5,666,653	09-09-1997	Ahl	
	AB	US-5,412,654	05-02-1995	Perkins	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	GB 2 334 180 A	08-11-1999	Motorola Limited		
	BB	WO 95/11561	04-27-1995	Southwest Wireless Systems, Inc.		
	BC	WO 99/59367	11-18-1999	Fujitsu Limited		
	BD	WO 00/14933	03-16-2000	Motorola, Inc.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

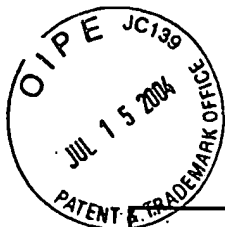
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	"Universal Mobile Telecommunications System (UMTS); Utran Overall Description (3F TS 25.401 Version 3.3.0 Release 1999)" ETSI TS 125 401 V3. 3.0 (1999), pages 1, 1-36	
	CB	Y. SHEN, ET AL., "Millimeter Wave Line-of Sight Digital Radio at 38 GHz," 1997 Asia Pacific Microwave Conference, pages 21-24	
	CC	KUROSAKI S., ET AL., "A Smart Multiple Sector Antennas Control Technique for a High-Speed ATM Wireless Access System Using 25-GHz Band," Vehicular Technology Conference, IEEE, May 16-20, 1999, pages 458-462	
	CD	ROOBOL, C., "Multihop Radio Networks In Randon Terrains: Connectivity And Some Terrain Adaptive Routing Algorithms" Military Communications Conference 1993, MILCOM '93, Conference Record, IEEE Boston, MA October 11-14, 1993, pages 428-1993	
	CE	MEINEL, H.H., "Recent Advances On Millimeterwave Pcn System Development In Europe – An Invited Survey," Microwave Symposium Digest, 1995, Orlando FL, May 16-20, 1995, pages 401-404	
	CF	European Search Report dated April 5, 2004	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

3 May 05

BEST AVAILABLE COPY



PTO/SB/08a/b (08-03)  
Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/942,408-Conf. #8573
				Filing Date	August 29, 2001
				First Named Inventor	Hiroshi Furukawa
				Art Unit	<del>2664</del> 2662
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	Y2238.0029/P029
Sheet	1	of	1		

RECEIVED  
JUL 16 2004  
Technology Center 2600

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
	BA	JP	2002-515715	05-28-2002		
	BB	JP	2002-199431	07-12-2002		
	BC	JP	8-37535	02-06-1996		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	CA	Japanese Office Action issued June 15, 2004 (w/ English translation of relevant portions)		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

*JP 3/15/05*

BEST AVAILABLE COPY